

ABSTRACT OF THE DISCLOSURE

A volume controller for controlling volume balance between a front speaker and a rear speaker located within a vehicle, includes a fade volume computing unit for computing an amplifying factor k_1 of an input signal for providing an increased volume at the rear or front speaker by the volume at a prescribed position within the vehicle which is equal to an decreased volume in the front or rear speaker when a signal supplied to the front or rear speaker is attenuated by an attenuating factor K_1 ; and a control unit for multiplying the signal supplied to the rear or front speaker by k_1 when a signal supplied to the front or rear speaker is attenuated by K_1 . In this configuration, a volume controller can form an acoustic field with a sense of realism when volume adjustment is performed in a to-and-fro direction.